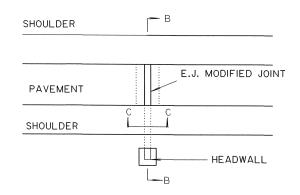
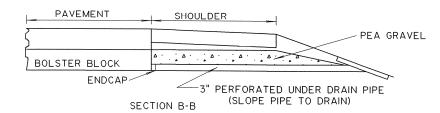
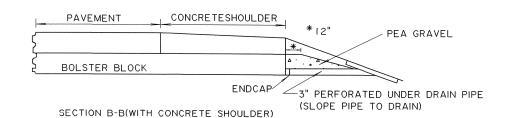
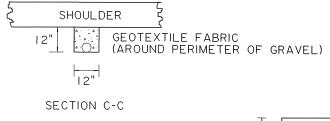
UNDER DRAIN AT 4" E.J. JOINTS

AN UNDER DRAIN WILL BE REQUIRED AT E.J. MODIFIED JOINTS UNLESS A SHOULDER UNDER DRAIN SYSTEM IS SPECIFIED ON THE PLANS. IN A CURBED PAVEMENT SECTION THE UNDER DRAIN FOR THE E.J. JOINT SHALL BE CONNECTED TO THE NEAREST STORM SEWER OR DISCHARGED THROUGH A HEADWALL AS SHOWN. ALL MATERIALS AND INSTALLATION SHALL MEET THE REQUIREMENTS OF SECTION 703 OF THE STANDARD SPECIFICATIONS. THE UNDER DRAIN FOR THE E.J. JOINT IS TO BE PLACED AT NO DIRECT PAY.

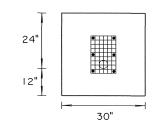








NOT TO SCALE



12" X 27" RODENT SCREEN 2 X 2 MESH HARDWARE CLOTHE (19 GAUGE.)

WASHERS.

6" THICK CLASS

 $6 - \frac{1}{4}$ " X $2\frac{1}{2}$ "

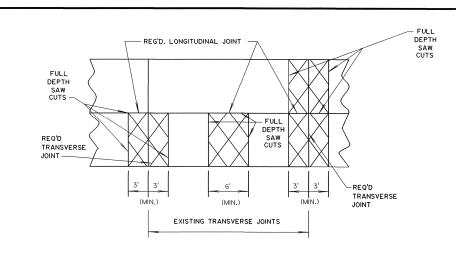
GALVINIZED ANCHOR

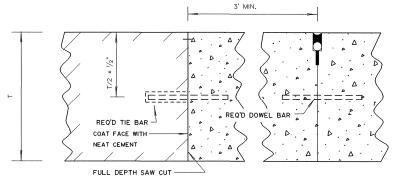
BOLTS WITH FLAT

M CONCRETE WITH

6 X 6 IO GAUGE WIRE

MESH REINFORCEMENT.

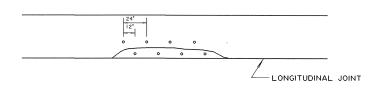




PATCHING DETAIL AT TRANSVERSE JOINT

DIMENSIONS (ALL DIMENSIONS ARE IN INCHES)

SLAB THICKNESS (T)	DEPTH OF HOLE (D)	LENGTH OF BAR	DISTANCE FROM & (d)
8	12	11	51/2
9	14	13	6½
10	16	15	7
11	18	17	8
12	19	18	81/2
13	21	20	9
14	23	22	10

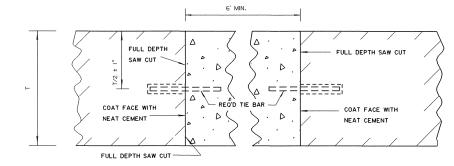


NOTES:

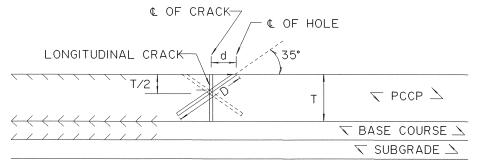
- 1. DOWEL BARS AND LONGITUDINAL TIE BARS SHALL CONFORM
- 2. TRANSVERSE TIE BARS SPACED 12" CENTER TO CENTER.

 1" TIE BAR FOR SLAB THICKNESS 8" TO 10".

 11/4" TIE BAR FOR SLAB THICKNESS GREATER THAN 10".
- 3. RESAW TRANSVERSE JOINTS ON EACH SIDE OF MID PANEL PATCH TO A DEPTH TO NEAR THE TOP OF THE DOWELS PRIOR TO POURING PATCH.
- 4. EXISTING TRANSVERSE VERTICAL FACES TO BE COATED WITH NEAT CEMENT JUST PRIOR TO POURING PATCH.



PATCHING DETAIL BETWEEN TRANSVERSE JOINTS



CROSS - STITCHING LONGITUDINAL CRACKS

NOTES:

1. HOLES WILL BE DRILLED ON 24"

CENTERS ON ALTERNATE SIDES OF CRACK. AFTER DRILLING, HOLES WILL BE FILLED WITH AN APPROVED EPOXY RESIN SYSTEM THEN 3/4" REBAR WILL BE INSERTED. THE COLOR OF THE EPOXY SHALL APPROXIMATE THAT OF THE CONCRETE.

- DIAMETER OF HOLE FOR CROSS STITCHING BAR SHALL BE %". DIAMETER OF BAR SHALL BE ¾"
- 3. LONGITUDINAL CRACK SHALL BE ROUTED AND SEALED IN ACCORDANCE WITH SUBSECTION 601(09)(K) OF THE STANDARD SPECIFICATIONS. SEALANT SHALL CONFORM TO SUBSECTION 1005.02(C).





PORTLAND CEMENT CONCRETE PAVEMENT DETAILS